WALSH CODE LENGTH	R	E	S	E	R	V	E	D							
1	0														
2	0								1						
4	0				2				1				3		
8	0		4		2		6		1		5		3		7	
16	0	8	4	12	2	10	6	14	1	9	5	13	3	11	7	15

FIG. 1

100

WC	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
S	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0

200

FIG. 2

CODE LENGTH	BIT MASK
16	0x0001
8	0x0101
4	0x1111
2	0x5555
1	0xFFFF

FIG. 3

300

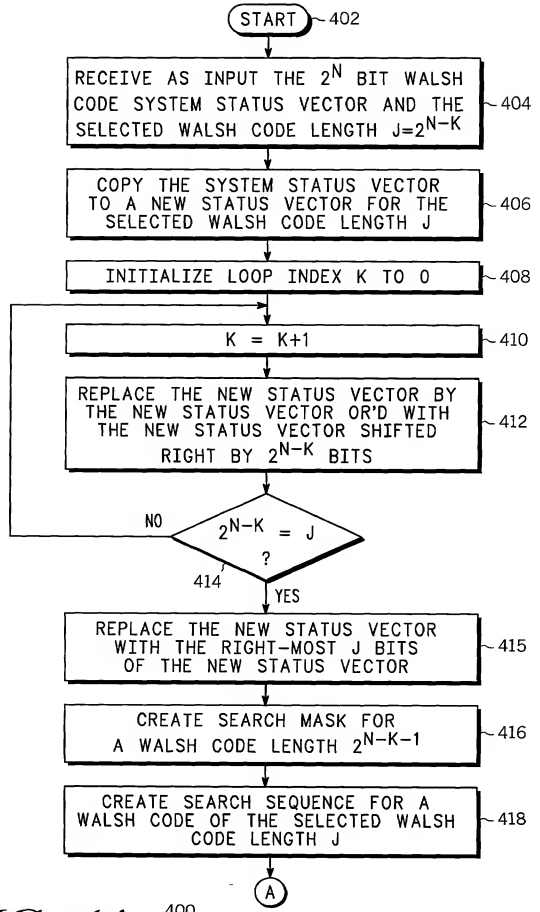

FIG. 4A 400

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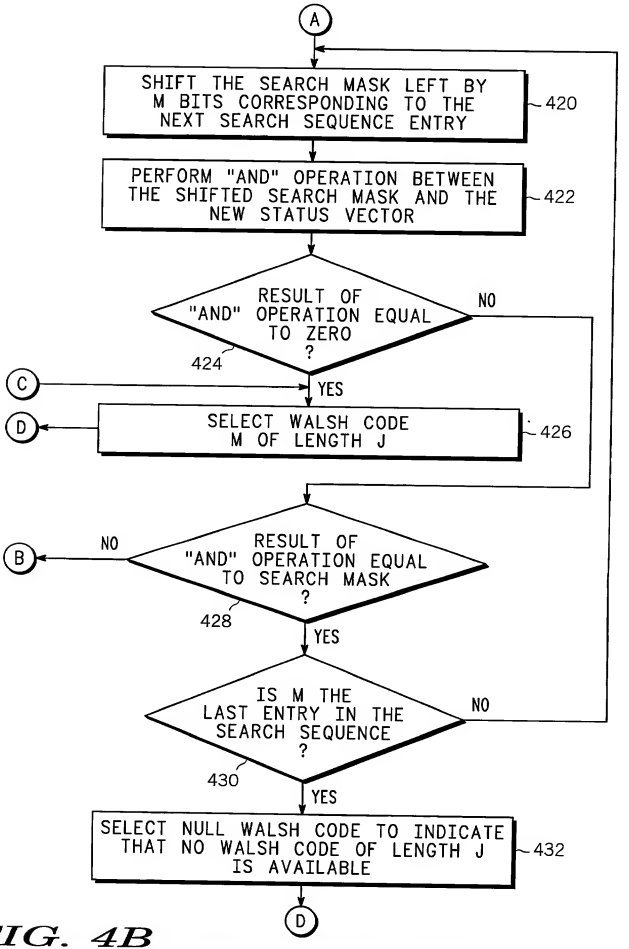
A
SHIFT THE SEARCH MASK LEFT BY M BITS CORRESPONDING TO THE NEXT SEARCH SEQUENCE ENTRY
420
PERFORM "AND" OPERATION BETWEEN THE SHIFTED SEARCH MASK AND THE NEW STATUS VECTOR
422
RESULT OF "AND" OPERATION EQUAL TO ZERO ?
424
NO
C
YES
D
SELECT WALSH CODE M OF LENGTH J
426
B
NO
RESULT OF "AND" OPERATION EQUAL TO SEARCH MASK ?
428
YES
IS M THE LAST ENTRY IN THE SEARCH SEQUENCE ?
430
NO
YES
SELECT NULL WALSH CODE TO INDICATE THAT NO WALSH CODE OF LENGTH J IS AVAILABLE
432
D

FIG. 4B

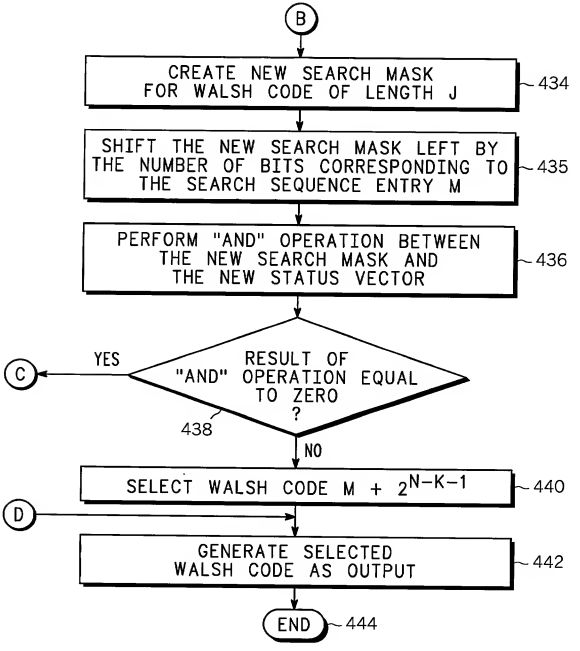

FIG. 4C

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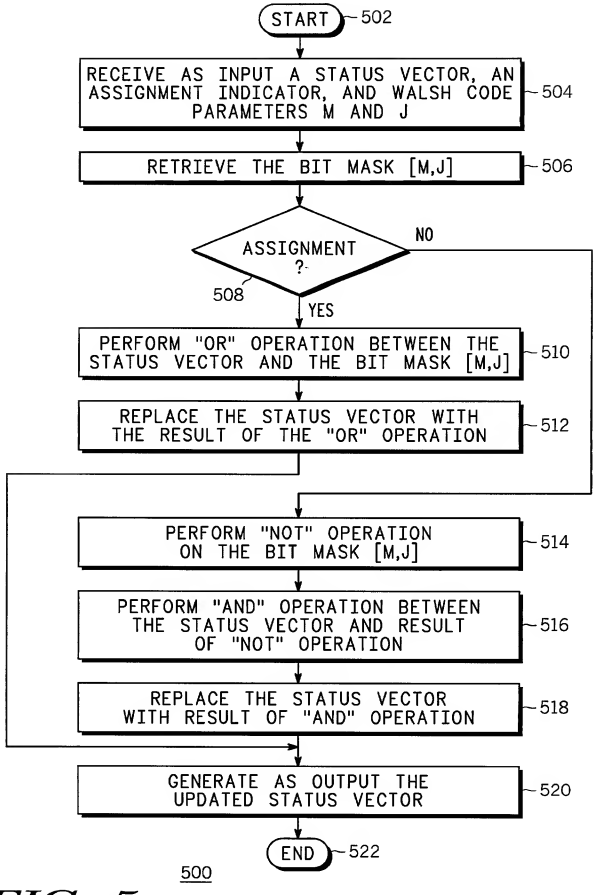

500

FIG. 5

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